

Attorney's Docket No. NOV1003

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and sole inventor (OR a original, first and joint inventor) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **"Substituted 6-Benzyl-4-Oxopyrimidines, Process for Their Preparation and Pharmaceutical Compositions Containing Them"**, the specification of which was filed with the U.S. Patent and Trademark Office on January 16, 2001.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I do not know and do not believe that the same was ever known or used by others in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to the date of this application. I further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. *I understand that I have a duty of candor and good faith toward the Patent and Trademark Office*, and I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

<u>Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Priority Claimed Under 35 USC §119</u>
CA98A000015	Italy (IT)	17 July 1998	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
EP99/05134	WO	19 July 1999	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

(Application No.) (Filing Date)

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
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None
I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

POWER OF ATTORNEY: The following are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Sherry M. Knowles-33,052; W. Scott Petty-35,645; Clark G. Sullivan-36,942; Holmes J. Hawkins-38,913; Steven P. Wigmore-40,447; Curtis L. Doster-41,714; Charles Vorndran-45,315; Lisa K. Norton-44,977.

Send correspondence to: Sherry M. Knowles
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Atlanta, Georgia 30303

Direct telephone calls at (404) 572-4600
Sherry M. Knowles

Full name of sole or first inventor: Paolo La Colla	Citizenship: Italy
Inventor's signature <i>Paolo La Colla</i>	Date: 01/29/2001
Residence and Post Office Address: 5 Strada no. 11, Poggio dei Pini 09012 Capoterra, Cagliari Italy	

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. NOV1003

In re Application of: Paolo La Colla and Marino Artico

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name. I believe I am a original, first and sole inventor (OR a original, first and joint inventor) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **"Substituted 6-Benzyl-4-Oxopyrimidines, Process for Their Preparation and Pharmaceutical Compositions Containing Them"**, the specification of which was filed with the U.S. Patent and Trademark Office on January 16, 2001.

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I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:

<u>Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Priority Claimed Under 35 USC §119</u>
<u>CA98A000015</u>	<u>Italy (IT)</u>	<u>17 July 1998</u>	Yes <u>x</u> No <u> </u>
<u>EP99/05134</u>	<u>WO</u>	<u>19 July 1999</u>	Yes <u> </u> No <u>x</u>

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

<u>(Application No.)</u>	<u>(Filing Date)</u>
<u>(Application No.)</u>	<u>(Filing Date)</u>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

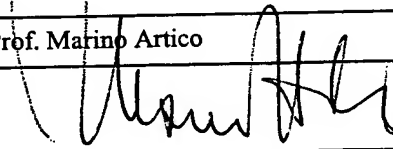
<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
<u>None</u>		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

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Sherry M. Knowles

Full name of second inventor: Prof. Marino Artico	Citizenship: Italy
Inventor's signature 	Date:
Residence and Post Office Address: via Edgardo Negri 64 00128 Roma Italy	Page 2 of 2



UNITED STATES
PATENT AND
TRADEMARK OFFICE

OCTOBER 28, 2002

PTAS

SHERRY M. KNOWLES, ESQ.
191 PEACHTREE STREET
ATLANTA, GA 30303-1763

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/19/2002

REEL/FRAME: 013193/0841
NUMBER OF PAGES: 4

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NOVIRIO PHARMACEUTICALS LIMITED

DOC DATE: 05/28/2002

ASSIGNEE:

IDENIX PHARMACEUTICALS INC.
125 CAMBRIDGE PARK DR.
CAMBRIDGE, MASSACHUSETTS 02140

SERIAL NUMBER: 60132126
PATENT NUMBER:

FILING DATE: 04/30/1999
ISSUE DATE:

SERIAL NUMBER: 60096110
PATENT NUMBER:

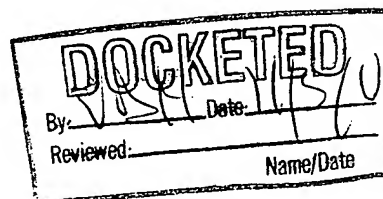
FILING DATE: 08/10/1998
ISSUE DATE:

SERIAL NUMBER: 60131352
PATENT NUMBER:

FILING DATE: 04/28/1999
ISSUE DATE:

SERIAL NUMBER: 10022276
PATENT NUMBER:

FILING DATE: 12/14/2001
ISSUE DATE:



SERIAL NUMBER: 09459150
PATENT NUMBER: 6444652

FILING DATE: 12/10/1999
ISSUE DATE: 09/03/2002

SERIAL NUMBER: 10022148
PATENT NUMBER:

FILING DATE: 12/14/2001
ISSUE DATE:

SERIAL NUMBER: 09744038
PATENT NUMBER:

FILING DATE: 05/01/2001
ISSUE DATE:

SERIAL NUMBER: 60207538
PATENT NUMBER:

FILING DATE: 05/26/2000
ISSUE DATE:

SERIAL NUMBER: 09867110
PATENT NUMBER:

FILING DATE: 05/29/2001
ISSUE DATE:

SERIAL NUMBER: 60212100
PATENT NUMBER:

FILING DATE: 06/15/2000
ISSUE DATE:

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PATENT NUMBER:

FILING DATE: 06/15/2001
ISSUE DATE:

SERIAL NUMBER: 60207674
PATENT NUMBER:

FILING DATE: 05/26/2000
ISSUE DATE:

SERIAL NUMBER: 60283276
PATENT NUMBER:

FILING DATE: 04/11/2001
ISSUE DATE:

SERIAL NUMBER: 09863816
PATENT NUMBER:

FILING DATE: 05/23/2001
ISSUE DATE:

SERIAL NUMBER: 60206585
PATENT NUMBER:

FILING DATE: 05/23/2000
ISSUE DATE:

SERIAL NUMBER: 09864078
PATENT NUMBER:

FILING DATE: 05/23/2001
ISSUE DATE:

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PATENT NUMBER:

FILING DATE: 04/11/2001
ISSUE DATE:

SERIAL NUMBER: 10122252
PATENT NUMBER:

FILING DATE: 04/11/2002
ISSUE DATE:

SERIAL NUMBER: 60249532
PATENT NUMBER:

FILING DATE: 11/17/2000
ISSUE DATE:

SERIAL NUMBER: 10001868
PATENT NUMBER:

FILING DATE: 11/19/2001
ISSUE DATE:

SERIAL NUMBER: 60326184
PATENT NUMBER:

FILING DATE: 09/28/2001
ISSUE DATE:

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PATENT NUMBER:

FILING DATE: 09/28/2001
ISSUE DATE:

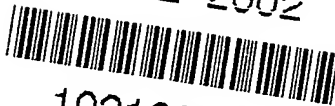
013193/0841 PAGE 3

SERIAL NUMBER: 09371747
PATENT NUMBER: 6395716

FILING DATE: 08/10/1999
ISSUE DATE: 05/28/2002

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-22-2002



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FORM-PTO-1595
1-31-92TRANSMITTAL OF DOCUMENTS
PATENTS ONLY

RDATION

Atty. Docket 06171.105004

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Novirio Pharmaceuticals Limited
 Additional name(s) of conveying party(ies) attached?
☐ Yes ☒ No

08/19/02

2. Name and address of receiving party(ies):

Name: Idenix Pharmaceuticals Inc.

Foreign Address:

Domestic Address: 125 Cambridge Park Dr.City: Cambridge State: MA ZIP: 02140

Additional name(s) & address(es) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☐ Assignment☐ Merger☐ Security Agreement☒ Change of Name

Other _____

Execution Date: 5/28/02

4. Application number (s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) see attached

B Patent Registration No. (s)

Additional numbers attached? ☒ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Sherry M. Knowles, Esq.191 Peachtree StreetAtlanta, Georgia 30303-1763Telephone No.: 404- 572- 4600Facsimile No.: 404 572-51006. Number of applications and patents involved:
237. Total fee (37 CFR 3.41): \$ 920☒ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number

11-0980

(Attach duplicate copy of this page if paying by deposit account):

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy of the original document.

Sally Sexton

Name of Person Signing

Signature

August 13, 2002

Date

Total number of pages comprising cover sheet: 13

08/21/2002 TDI A21 00000095 60132126

01 FC:581

920.00 OP

Schedule

TITLE & DOCKET NAME	COUNTRY	FILING DATE	SERIAL NUMBER	PATENT NUMBER	ISSUE DATE
IDX 1001: Provisional Use of 3'-Azido-2',3'- Dideoxyuridine	U.S.	04/30/99	60/132,126		
IDX 1000 Provisional β -L-2'-Deoxy- Nucleosides for the Treatment of Hepatitis B	U.S.	8/10/98	60/096,110		
	CON	04/28/99	60/131,352		
IDX 1000 Normal β -L-2'-Deoxy- Nucleosides for the Treatment of Hepatitis B	U.S.	8/10/99	09/371,747	6,395,716	5/28/02
IDX 1000CON β -L-2'-Deoxy- Nucleosides for the Treatment of Hepatitis B	U.S.	12/14/01	10/022,276		
IDX/1000 CIP β -L-2'-Deoxy- Nucleosides for the Treatment of Hepatitis B	U.S.	12/10/99	09/459,150		
IDX 1000 CIPCON β -L-2'-Deoxy- Nucleosides for the Treatment of Hepatitis B	U.S.	12/14/01	10/022,148		
IDX 1003 Substituted 6-Benzyl-4- Oxypyrimidines, Process for Their Preparation and Pharmaceutical Compositions Containing Them	US	07/17/99	09/744,038		
IDX 1004 Methods for Treating Hepatitis Delta Virus Infection with β - L-2' Deoxy-Nucleosides	U.S. Prov.	5/29/00	60/207,538		
	U.S.	5/29/01	09/867,110		
IDX 1005 3'-Prodrugs of 2'-deoxy- β -L- Nucleosides	U.S. Prov.	6/15/00	60/212,100		
	U.S.		09/883,033		
IDX1006 Methods and Compositions for Treating Flaviviruses and Pestiviruses	U.S. Prov.	5/26/00 4/11/01	60/207,674 60/283,276		
	U.S.	5/26/01	09/863,816		

TITLE & DOCKET NAME	COUNTRY	FILING DATE	SERIAL NUMBER	PATENT NUMBER	ISSUE DATE
IDX1007 Methods and Compositions for Treating Hepatitis C Virus	U.S. Prov.	05/23/00	60/206,585		
	U.S.	05/23/01	09/864,078		
IDX1008 Phenylindoles For The Treatment Of HIV	U.S. Prov.	4/11/01	60/283,393		
	U.S.	4/11/02	10/122,252		
IDX1009 Methods for Inhibiting the Transmission of HIV Using Topically Applied Substituted 6-Benzyl-4-Oxopyrimidines	U.S. Prov.	11/17/00	60/249,532		
	U.S.	11/19/01	10/001,868		
IDX1013 Methods and Compositions for Treating Hepatitis C Virus	U.S. Prov.	9/28/01	60/326,184		
IDX1014 Methods and Compositions for Treating Flaviviruses and Pestiviruses	U.S. Prov.	9/28/01	60/326,192		